

ABSTRACT

**~~ANTICOLLISION EQUIPMENT ONBOARD AN AEROPLANE WITH NORMAL
FLIGHT REVERSION AID~~**

Conventional terrain anticollision equipment formulates, around the short term forecast trajectory of the aircraft $[(A)]$ which is equipped therewith, virtual volumes of protection of maneuver charted by feelers $[(W, C)]$ and signals a risk of terrain collision as soon as it detects an intrusion of the terrain $[(R)]$ into these virtual volumes of protection of maneuver. The terrain anticollision equipment proposed provides the crew with, in addition to the prealarms and alarms of risk of terrain collision, an indication of possibility of cessation of an avoidance maneuver instigated in order to resolve a risk of terrain collision, in the form either of a stoppage of an aural and/or luminous cue to continue the avoidance maneuver (~~such as "continue climb"~~), or of the momentary generation of an aural and/or luminous cue of possible end of the avoidance maneuver (~~such as "resume normal flight"~~), formulated by means of a feeler $[(L)]$ specific to route resumption, the absence of contact of the terrain with this feeler $[(L)]$ specific to route resumption being used to note the definitive resolution of a risk of terrain collision.

Fig. 3